

Alan Nguyen

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Education

B.S. Mathematics-Computer Science

Minor in Economics
University of California, San Diego
Graduated in Spring 2019

Experience

McGraw-Hill Education ALEKS - Content Programmer

November 2019 - PRESENT

- Developed interactive, web-based math lessons, providing students with an efficient learning environment using HTML, CSS, and ISL.
- Implemented accessibility features through screen-readability and color-blind usability.

Techcet CA, LLC - Software Engineering Intern

September 2017 - August 2018

- Developed a web scraping program that retrieves Altman Z-score information from sec.gov using the Python library beautiful soup 4.
- Designed and programmed techcet.com, cmcfabs.org, and criticalmaterials.org using HTML and CSS. Hosted on WordPress and HostGator.

Application Developments

Task Manager

- A to-do list REST API application using node.js and express.js for routing.
- Uses mongoose.js and MongoDB to create, read, update and delete data models.

Space Kitty

- A side-scroller game on Android, desktop and web browser. Written in Java using libGDX game development framework.

JavaScript Tetris

- A remake of the classic Tetris game using HTML, CSS, and JavaScript.